



Program of the ISSI-sponsored Meeting on Pulsating Aurora

May 30 - June 3, 2016.

ISSI-BJ/ National Space Science Center - Neptune Hall (A0411, 4th floor)

Summary of Time Table

	Day 1: 30 May	Day2: 31 May	Day3: 1 June	Day4: 2 June	Day5: 3 June
AM1	Introduction	Jordanova	Turunen	Summary	Discussion
AM2	Miyoshi, Li	Yu, Zhou	Summary	Discussion on Collaborative Studies of Pulsating Aurora	Wrapup
PM1	Katoh	Samara, Michell	Free Afternoon		
PM2	Saito	Hosokawa, Kurita			

Day 1: 30 May, 2016 - Monday

Session 0: Introduction to the ISSI PsA team

- 09:00 Registration, Welcome and Introduction of the Participants
- 09:30 Objectives of the meeting, working process and expected outcome – Miyoshi, Hosokawa and Li
- 10:00 Coffee Break

Session 1: Review talks on PsA

- 10:30 Yoshi Miyoshi: General perspective
- 11:30 Wen Li: Chorus observation
- 12:30 Lunch
- 14:00 Yuto Katoh: Generation of chorus waves
- 14:45 Cofee Break
- 15:15 Shinji Saito: Non-linear pitch angle scattering
- 17:00-18:00
Welcome reception at the ISSI-BJ office

Day 2: 31 May 2016 - Tuesday

09:00 Vania Jordanova: Modeling of electron dynamics and chorus excitation

10:00 Cofee break

10:30 Yiqun Yu: Modeling studies on the electron precipitation of magnetospheric origin and the role in the ionospheric electrodynamics

11:30 Xushi Zhou: Plasma sheet ion dynamics

12:00 Lunch

13:30 Marilia Samara and Robert Michell:
Observations of inter-hemispheric electron reflections in fast pulsating aurora

14:30 Coffee Break

15:00 Keisuke Hosokawa: Ground-based optical and radar observations of pulsating aurora

16:00 Satoshi Kurita: Ground-based and satellite measurements of microburst during pulsating aurora

Meeting Dinner

Day 3: 1 June, 2016 - Wednesday

09:00 Esa Turunen: Impact of pulsating aurora on middle atmosphere

10:00 Coffee break

Session 2: Discussion on the topics & summary of open questions

10:30 Summary and discussion on the characteristics/morphology of PsA (Led by Li)

11:30 Summary and discussion on possible mechanisms to cause the modulations of PsA (Led by Miyoshi)

12:30 Lunch

14:00 Free afternoon

Day 4: 2 June 2016 - Thursday

09:00 Summary and discussion on ionospheric effects on PsA (Led by Hosokawa)

10:00 Coffee break

Session 3: Discussion on the review paper

10:30 Discussion on the contents of the review paper for PsA (Led by Miyoshi, Hosokawa and Li)

11:30 Discussion on who will write which part (Led by Miyoshi, Hosokawa and Li)

12:30 Lunch

Session 4: Discussion on collaborative studies of PsA within the team

14:00 Introduction to satellite observations in the magnetosphere - Li

15:00 Coffee Break

15:30 Introduction to a project of integrated studies of PsA – Miyoshi and Hosokawa

16:30 Introduction to numerical simulation codes – Katoh and Saito?

Day 5: 3 June 2016 - Friday

09:00 Discussion on the collaborative studies (Led by Miyoshi, Hosokawa and Li)

10:30 Coffee break

Session 5: Wrap up

11:00 Wrap up (Led by Miyoshi, Hosokawa and Li)
List the team tasks for the second meeting

12:30 Adjourn